

13. The fuel injection system as claimed in claim 1, further comprising a high pressure fuel pump for supplying fuel at the first injectable pressure level to the accumulator volume.

14. The fuel injection system as claimed in claim 1, wherein the pump arrangement is operable to supply pressurised fuel, at the first injectable pressure level to the accumulator volume.

15. The fuel injection system as claimed in claim 14, wherein the valve arrangement further includes an additional valve for controlling a supply of fuel at relatively low pressure to the pump arrangement.

16. The fuel injection system as claimed in claim 15, wherein the additional valve is a fill/spill valve that is actuatable between an open position, in which the pump arrangement communicates with the supply of fuel at relatively low pressure, and a closed position in which said communication is broken, and whereby actuation of the fill/spill valve to the open position during a pumping stroke permits a spill-end of injection.

17. The fuel injection system as claimed in claim 15, wherein the additional valve is a non-return valve having an open position, in which the pump arrangement communicates with the supply of fuel at relatively low pressure, and a closed position in which said communication is broken.

18. The fuel injection system as claimed in claim 1, wherein injector includes a nozzle control valve that is operable to control fuel pressure within an injector control chamber, so as to permit control of injection timing at the first and/or second injectable pressure level.

19. A fuel injection system for supplying pressurised fuel to a fuel injector, the fuel injection system comprising:

an accumulator volume for supplying fuel at a first injectable pressure level to the fuel injector through a fuel supply passage,

a pump arrangement including a pumping plunger for increasing the pressure of fuel supplied to the injector to a second injectable pressure level, and

a valve arrangement operable between a first position in which fuel at the first injectable pressure level is supplied to the injector and the pump chamber is in communication with the accumulator volume such that fuel at the first injectable pressure level may flow from the accumulator volume to the pump chamber, and a second position in which communication between the injector and the accumulator volume is broken so as to permit fuel at the second injectable pressure to be supplied to the injector,

wherein the accumulator volume is a rail that extends through a hollow rocker shaft, the rocker shaft carrying a rocker arm which drives the pumping plunger.

20. A fuel injection system for supplying pressurised fuel to a fuel injector, the fuel injection system comprising:

an accumulator volume for supplying fuel at a first injectable pressure level to the fuel injector through a fuel supply passage,

a pump arrangement for increasing the pressure of fuel supplied to the injector to a second injectable pressure level,

a valve arrangement operable between a first position in which fuel at the first injectable pressure level is supplied to the injector and the pump chamber is in communication with the accumulator volume such that fuel at the first injectable pressure level may flow from the accumulator volume to the pump chamber, and a second position in which communication between the injector and the accumulator volume is broken so as to permit fuel at the second injectable pressure to be supplied to the injector, and

a rocker arm, wherein the rocker arm is carried on a hollow rocker shaft and wherein the accumulator volume is defined within the hollow rocker shaft.

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